

Date: September 12, 2001

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**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371**

International Application No.: PCT/EP00/02130  
International Filing Date: March 10, 2000  
Priority Date Claimed: March 12, 1999  
Title of Invention: SESQUITERPENOID SYNTHASE GENES AND THEIR USE FOR  
INFLUENCING BITTERNESS AND RESISTANCE IN PLANTS  
Applicant(s) for DO/EO/US: Harro Boumeester, Jan Kodde, Jan-Willem De Kraker

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. () This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. (X) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
4. (X) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. (X) A copy of the International Application as filed (35 USC 371(c)(2))
  - a) () is transmitted herewith (required only if not transmitted by the International Bureau).
  - b) (X) has been transmitted by the International Bureau.
  - c) () a copy of Form PCT/1B/308 is enclosed.
  - d) () is not required, as the application was filed in the United States Receiving Office (RO/US).
6. () A translation of the International Application into English (35 USC 371(c)(2)).
7. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a) () are transmitted herewith (required only if not transmitted by the International Bureau).
  - b) () have been transmitted by the International Bureau.
  - c) () have not been made; however, the time limit for making such amendments has NOT expired.
  - d) (X) have not been made and will not be made.
8. () A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. () An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
10. (X) A copy of the International Preliminary Examination Report with any annexes thereto, such as any amendments made under PCT Article 34.
11. () A translation of the annexes, such as any amendments made under PCT Article 34, to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

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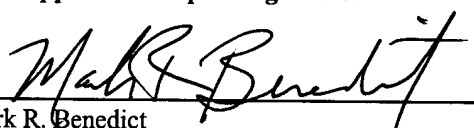
12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A FIRST preliminary amendment.
15. ☒ International Search Report.
16. ☒ PCT Request in 4 pages.
17. ☒ International Application as published.
18. ☐ The present application qualifies for small entity status under 37 C.F.R. § 1.27.
19. ☒ A return prepaid postcard.
20. ☒ The following fees are submitted:

				FEES
BASIC FEE				\$860
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	39 - 20 =	19 ×	\$18	\$ 342
Independent Claims	5 - 3 =	2 ×	\$80	\$ 160
TOTAL FEES ENCLOSED				\$1362

21. ☒ The fee for later submission of the signed oath or declaration set forth in 37 CFR 1.492(e) will be paid upon submission of the declaration.
22. ☒ A check in the amount of \$ 1362.00 to cover the above fees is enclosed.
23. ☒ The Commissioner is hereby authorized to charge only those additional fees which may be required, now or in the future, to avoid abandonment of the application, or credit any overpayment to Deposit Account No. 11-1410.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

  
Mark R. Benedict  
Reg. No. 44,531  
Customer No. 20,995

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**URGENT**

Knobbe, Martens, Olson & Bear LLP  
Attn. Dr. Dan Altman  
620 Newport Center Drive, 16<sup>th</sup> floor  
Newport Beach, CA 92660  
United States

BY FACSIMILE  
Confirmation by mail

Sint-Martens-Latem, September 11, 2001

Our Ref. : ABD-001-PCT

Your Ref. : --

Re.: US National Phase of PCT application No PCT/EP00/02130  
filed on March 10, 2000

Applicant : Research Institute for Agrobiolgy and Soil Fertility (AB-DLO)

Title: Sesquiterpenoid synthase genes and their use for influencing bitterness  
and resistance in plants

***Due date entry national phase: September 12, 2001***

Dear Dr. Altman,

We herewith kindly request you to enter the national phase in the United States before the due date of September 12, 2001 based on the PCT application as published.

Please find enclosed the following documents:

- a copy of the PCT publication
- a copy of the PCT Request (PCT/RO/101)
- a copy of the International Preliminary Examination Report (PCT/IPEA/409)

Could you please forward us all necessary documents to be signed? We will take care that these documents are duly signed and returned to you as soon as possible.

Please acknowledge receipt of this letter by return facsimile and let us know as soon as the US application has been filed.

If you should have any further questions regarding this matter, please do not hesitate to contact us.

Yours sincerely,



Ir. Johan Brants  
European Patent Attorney

Enclosures



Assistant Commissioner for Patents  
Washington, D.C. 20231

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : DECLE31.001APC

**Applicant(s)** : Harro Boumeester, et al.

**For** : SESQUITERPENOID SYNTHASE GENES  
AND THEIR USE FOR INFLUENCING  
BITTERNESS AND RESISTANCE IN  
PLANTS

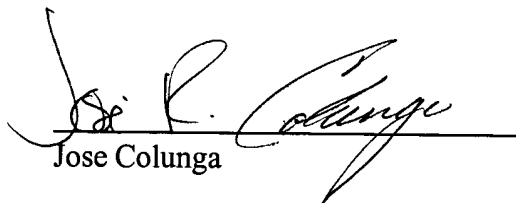
**Attorney** : Mark R. Benedict

**"Express Mail"**

**Mailing Label No.** : EL207462626US

**Date of Deposit** : September 12, 2001

I hereby certify that the accompanying International Preliminary Exam Report; Preliminary Amendment; International Search Report; International Application as Published; PCT Request in 4 pages; Check for Filing Fee; Return Prepaid Postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Jose Colunga

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